

Amendments to the Specification:

Please amend the specification on page 2, lines 9 through 16 as follows:

In another aspect, the present invention includes a digital device capable of recharging a rechargeable battery, comprising a consuming current detect unit for detecting a consuming current input to the digital device through an adapter, a control unit, a recharging current detect ~~control~~ unit for detecting the battery recharging current as the battery is recharged, and a recharging control unit for regulating the consuming current to the rechargeable battery in proportion to a control signal, such as a pulse width modulation control signal, output from the control unit and the battery recharging current detected by the recharging current detect control unit.

Please amend the specification from page 7, line 9 through page 8, line 5 as follows:

FIG. 4 is a flowchart for showing the preferred embodiment of a method of recharging the battery 60 with battery charging unit 100 according to an embodiment of the present invention. If the voltage of the battery 60 is more than 5V ("Yes" path from decision step S410), the microprocessor 20 determines that the battery 60 is partially discharged, and performs the recharge operation according to the state of the digital device being used. To perform the recharge operation according to the state of the digital ~~device~~. The device, the microprocessor 20 checks the consuming current, and outputs a PWM control signal according to the consuming current (S420). Next, a portion of the consuming current according to the PWM control signal is supplied to the battery 60 for recharging (S430). Note that step S430 comprises steps S432, S434 and S436.[[.]] After outputting the PWM control signal in step S420, the microprocessor 20 determines if the battery

recharging current is between 1000 mA~300 mA in decision step S432. If it is, the microprocessor 20 flickers the LED 70 one time.

If the recharging current reaches 0.3A within 12 hours, which is a predetermined maximum recharge time, the microprocessor 20 switches to a second recharge mode ("Yes" path from decision step S432)[[.]] in step S434. In step S434 the LED 70 is illuminated ~~continuously and~~ continuously, and after one hour of recharging the battery 60, a "recharging complete" message is displayed (S436). When recharging is completed, the LED 70 is illuminated continuously. In the event that the recharging current does not reach 0.3A within 12 hours ("No" path from decision step S432), the battery voltage is checked by the microprocessor 20 (S442). If the battery voltage is more than 7.0V ("Yes" path from decision step S442), the LED 70 is continuously illuminated, and recharging is completed after half an hour of recharging (S444). However, if the battery voltage is not more than 7.0V ("No" path from decision step S442), an error message is displayed and the recharging operation is terminated (S480).

Please amend the specification on page 9, lines 18 through 21 as follows:

While the invention has been shown and described with reference to a preferred embodiment thereof, it will be understood by those skilled in the art that various changes in form and details may be made therein without departing from the ~~spirit~~ spirit and scope of the invention as defined by the appended claims.